GEOLOGIC LOG
CAPE ROSIER MINE
D. D. Hole 6

Collar:	N 4625, E 4685	Course:	N 50 W Mag.
Elevation:	23 Feet	Average Angle:	45°
		Depth:	300 Feet

From	To	
0'-0"	23'-0"	Rhyolitic agglomerate,? black rhyolite fragments, greenish gray. This could be black rhyolite. Some dark wisps or streaks with the white rectangular feldspar crystals - i.e., the R. A. has been sheared and metamorphosed. Fractured with quartz and carbonate veinlets in region of 20-23 feet.
23	58.9	Diorite, fine grained to medium (fractured near 23 feet) massive unsheared.
58.9	164	Rhyolite (agglomerate?) (65-100 black rhyolite probably) 58.9 - 64.3 much fractured 64.3 - 67 streaked white and dark green, with feldspar crystals in green wisps (See 43-41 ft. hole 7) 83.6 - 94.2 the rhyolite has been sheared somewhat leaving unsheared fragments in darker and streaked matrix. 110 - 130 core much broken (some leached and oxidized with open cavities at 110 - 115) 139 - 160 streaked, very dark greenish grey streaks and lighter streaks (sheared and altered R. A.) 149 - 150 diorite intr. fine grained At 150.5 Diorite intr. 4 inches thick 152 - 154 Diorite intr. fine gr.
164	185	Diorite, fine grain at border near 164, then gets coarser. Some ¼ inch qtz. veins. Gets fine grained near 185. Massive unsheared and non-schistose.
185	206	Rhyolite, light gray no visible crystals. 185 - 186 pyritized sever % pyrite in brecciated rhyolite 188 - 196 talcy sheared zone very dark grey-green. 198 sphalerite veinlet. 200 - 206 pyrite disseminated and in bands in sheared, altered rhyolite.

From	To	
	205	possibly diorite much altered.
205	300	Rhyolite agglomerate with various kinds of rhyolite as fragments, sheared and with original fragments broken to ¼ inch size, to 233; pyrite widely but sparingly disseminated. Chalcopyrite with pyrite at 247 and 249.5.
	233 - 273	much sheared, and altered with mm. fragments, widely disemminated pyrite.
	264.5	chalcopyrite veinlet.
	273 - 280	very dark gray-green chlorite with disseminated pyrite laminated.
	280 - 300	rhyolite agglomerate, fragments up to 2 inches across. Local shearing and alteration.

Angle of Hole:
At 0': 45°
At 288': 46°